



# GULF TECHNICAL EQUIPMENT & HYDRAULIC FACTORY

ABU DHABI, UAE

Your Partner in  
Hydraulics & Oil Field Equipment

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Group established in 1986.  
Employs 150 people

Supply, Design, Installation and Commissioning of  
Hydraulic systems.

Overhaul of Hydraulic Equipment and components.  
Full Fledged Hydraulic Workshop facilities with  
modern testing equipment, CNC Machine Shop &  
Light fabrication Yard.

Proven Excellence with hydraulics in Oil & Gas,  
Marine, Industrial, Construction, Power Utilities,  
Refining, Mining, Heavy Equipment & Transportation  
sectors.

Huge stock of hydraulic components/raw materials.  
Authorized agents of World renowned hydraulic  
brands.

Highly trained, qualified and well experienced  
personnel.

One stop solution for hydraulics.

ISO 9001 | ISO 14001 | OHSAS 18001



### **Our Mission**

To provide world class equipment & services of the highest Quality to the Oilfield, Marine, Industrial & Engineering industries in an economical & timely manner by utilizing qualified staff trained for the necessary skills.

### **Our Vision**

To see ourselves and recognized as a global leader in the Fluid Power engineering industry by continuously delivering our products and services on time, which meet or exceed customer needs and expectations.







We  
have brought  
together highly  
skilled professionals  
with years of experience,  
Quality Management  
System and most  
sophisticated  
manufacturing  
equipment.

We are pleased to introduce GULF TECHNICAL EQUIPMENT & HYDRAULIC FACTORY (GTE), one of the leading engineering companies in the Middle East with proven excellence in design, manufacturing, maintenance, installation and commissioning of hydraulic engineering systems and Oil field equipments.





## **Market segments that we are active**

- Oil and Gas
- Marine sector
- Defence sector
- Heavy Industries
- Construction Industry
- Mobile machineries
- Industrial machineries



We are based in ICAD 3, Musaffah, the industrial hub of Abu Dhabi. All operations are carried out at our well equipped facility with an area of 25,000 sqft. Our highly qualified professionals along with state of the art technology gives us an edge to provide cost-effective, reliable and quality services at minimum down time.



## Design & Manufacture

- ◆ Hydraulic power units
- ◆ Hydraulic Cylinders
- ◆ Wire Line Units
- ◆ Wire Line Masts
- ◆ Zone 2 Generators
- ◆ Zone 2 Compressors
- ◆ Winch systems
- ◆ Zone 2 rated Containers
- ◆ Spooling Units
- ◆ Trash Compactors ( Zone 2)
- ◆ Well head Control units
- ◆ Burner boom Hyd system
- ◆ Flare Stack Hyd System
- ◆ Cable pulling winch
- ◆ Skidding System
- ◆ Jack up systems
- ◆ Ramp systems
- ◆ Spud barge systems
- ◆ Mast Raising system
- ◆ Steering Systems
- ◆ Conveyor Systems
- ◆ Batch mixers
- ◆ Hydraulic doors
- ◆ Blast doors
- ◆ Hydraulic AC
- ◆ Flushing Rigs
- ◆ Filtration trolleys
- ◆ Hose reels
- ◆ Test Benches
- ◆ Lubrication systems
- ◆ Special Purpose
- ◆ Equipment

## Services

- ◆ Piping & tubing Solutions
- ◆ Hoses & fittings
- ◆ Chemical cleaning
- ◆ Pressure testing
- ◆ Nitrogen Purging
- ◆ Hot Oil flushing
- ◆ Water Flushing
- ◆ Fabrication projects
- ◆ Equipment Zone 2
- ◆ conversion
- ◆ System Commissioning
- ◆ Trouble shooting services
- ◆ Install LMI systems
- ◆ System start up services
- ◆ Equipment Upgrade
- ◆ Sealing Solutions
- ◆ Anchorage repairs
- ◆ Voyage Repairs
- ◆ Bolting Services
- ◆ Hyd. systems Integration
- ◆ CNC Machining
- ◆ Conventional Machining
- ◆ GS Hydro/ Autoclave Tubing
- ◆ Onsite Hyd. System testing
- ◆ Shut down maintenance
- ◆ Yearly Maintenance
- ◆ Contracts
- ◆ Hydraulic Consultancy





## Repair & Refurbishment

- ◆ Rig hydraulic systems
- ◆ Marine hydraulic systems
- ◆ Industrial hydraulic systems
- ◆ Mobile hydraulic systems
- ◆ Hydraulic power units
- ◆ Hydraulic winches
- ◆ Hydraulic Pumps
- ◆ Hydraulic Motors
- ◆ Hydraulic Cylinders
- ◆ Wire Line Units
- ◆ Wire line masts
- ◆ Coil tubing units
- ◆ Spooling units
- ◆ Zone 2 containers
- ◆ Gear boxes
- ◆ Hydraulic tools
- ◆ Flow dividers
- ◆ DCVs
- ◆ Accumulators
- ◆ Lubrication systems
- ◆ Hose Reels
- ◆ Hydraulic presses
- ◆ Flow dividers
- ◆ Swivel manifolds
- ◆ Hydraulic valves
- ◆ Manifold blocks
- ◆ Hydraulic coolers
- ◆ Special Hydraulic eqpts.

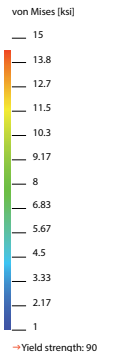
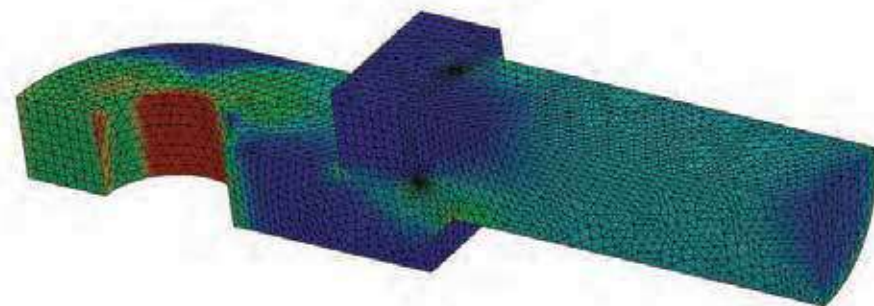
## Product Sales

- ◆ Hydraulic Pumps
- ◆ Hydraulic Motors
- ◆ Hydraulic/ electric Winches
- ◆ Hydraulic cylinders
- ◆ DCV/Joysticks
- ◆ Hyd hose and fittings
- ◆ Pressure control valves
- ◆ Flow control valve
- ◆ Flow dividers
- ◆ Hydraulic coolers
- ◆ Hose reels
- ◆ Accumulators
- ◆ Hydraulic Filters
- ◆ Power unit Accessories
- ◆ Zone 2 AC
- ◆ Wire line Measuring heads
- ◆ Wire line load cells/ gauges/ depth counters
- ◆ Torque wrenches
- ◆ Contamination monitoring units
- ◆ Hydraulic seals
- ◆ Mini Power units
- ◆ Pump Drives/Gearbox
- ◆ Hard chrome bars
- ◆ Honed Cylinder Tube
- ◆ Hollow Chrome bars
- ◆ Slewing ring bearing



## Hydraulic Cylinders

Cylinder Design & Development.  
Double Acting / Single Acting Cylinder.  
Multi Stage Cylinder.  
Quick Delivery as huge inventory Materials.  
Maximum Bore size: 600mm  
Maximum Stroke: 12000mm  
Maximum Working Pressure: 700 bar.



# GTE Products



## Hydraulic Power Units

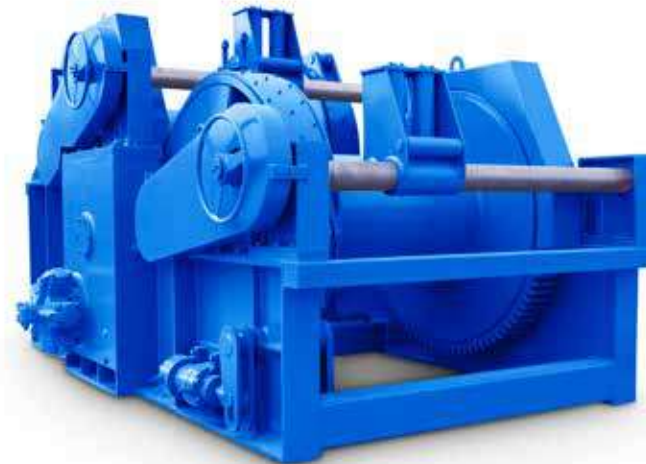
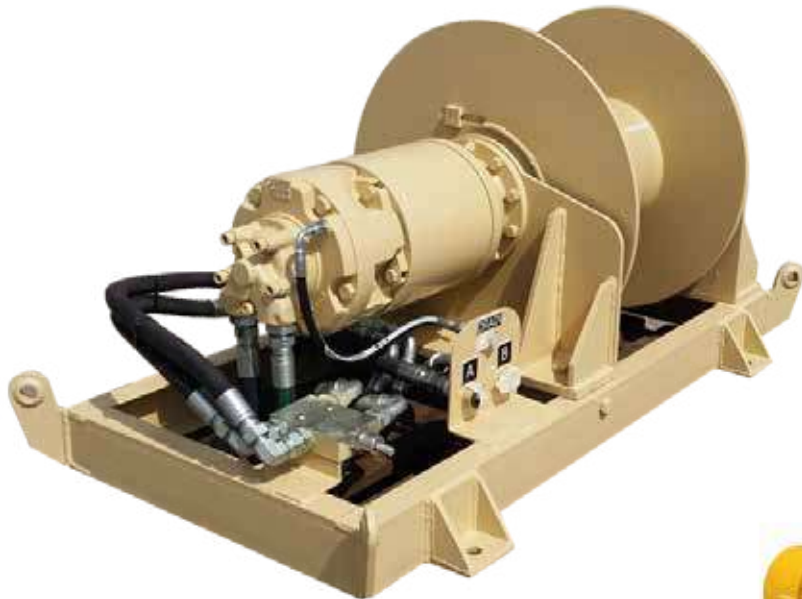
Normal / Zone 1 / Zone 2 / ATEX Certified.  
Electric motor or Engine driven or Air Driven  
options available.  
Open loop or closed loop circuit.  
All components selected from world  
renowned hydraulic brands.  
Pump Options – Piston or gear  
All valve configurations available.  
Flow up to 2000 liters  
Pressure Upto 700 bar (10,000 psi)  
Special HPU with Stainless Steel  
Components to suit Marine Environment.  
Can be built with Class Certification (ABS/  
BV/ DNV) on customer request.





## Winch Systems

Marine / Oil and Gas Winches  
Construction/Industrial Winches  
Special Utility Winches  
Capacity : 1 to 200 tonnes  
Custom built units as per client specification  
Electrical and Hydraulic drive systems  
Complete package units



## Wireline Units

Slickline / Wireline Units  
Wireline Integrated Units  
Wireline Skid Units  
Heliportable light Weight Slick Line units  
Truck mounted units  
Unit with Zone 2 ratings  
DNV Certified skids  
Custom built units available



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DNV Certified skids  
Custom built units available





## Wireline Masts

Wireline Masts  
35ft/ 45 ft/ 60 ft/ 90 ft  
Light and Heavy Designs



## Zone 2 Compressors

Custom built Design  
DNV 2.7-1 & BS EN 1834-1:2000  
50/100/150/200 CFM  
Compact Skid Design  
Sound Attenuated



## Zone 2 Hydraulic Power units

Custom built Design  
DNV 2.7-1 & BS EN 1834-1:2000.  
Flow rate upto 2000 lpm  
Pressure upto 400 bar  
Electrical/ Diesel /Pneumatic Driven options  
Sound Attenuated





## Zone 2 Generators

Custom built Design  
DNV2.7-2 & BS EN 1834-1:2000.  
Power upto 300 KVA  
Compact Skid Design  
Sound Attenuated



## Zone 2 Pressurized Modules

DNV 2.7-1 and DNV 2.7-2  
Zone 2 Workshop containers  
Wirline Logging Cabin  
Zone 2 Doughhouse  
Slickline Tool Containers  
Mud labs  
Special purpose cabins



## Spooling Units

Up to 20 tons  
Driven Types : Pneumatic/Electric/Diesel Engine  
DNV2.7-1 (Optional)  
Zone 2 (Optional)





## Batch Mixers

Cementing and Acidizing Batch mixers  
Skid and Truck mounted designs  
DNV2.7-1 (Optional)  
Zone 2 (Optional)  
100 to 200 bbl capacity



## Pressure Test Containers

Custom built Pressure test bays  
Containerized and skid design options  
Blast and impact resistant structure  
DNV2.7-1 (Optional)  
Upto Pressure rating of 30,000 PSI  
Unit with in-built crane available



## Car lift & Scissor lift

Custom built scissor lifts  
Different capacities to meet client requirements  
Lifting capacity upto 10 tonnes  
Lifting heights upto 10 meter  
Suitable for Oil & Gas/ Marine/ Construction/  
Automobile/ Parking sectors





## Trash Compactors

Available in Zone 2 & Non Zone Rated  
Small | Efficient | Quick loading & Unloading | Simple  
Controls | Compact | Easily maintained  
Container Capacity up to 25 Cu.Ft  
Compaction Force 250000 lbs  
Compaction System : Hydraulic



## BOP Control Unit

Emergency BOP Operating System  
Auxiliary system used by CTUs  
Capacities : 50/100/200 Litres emergency volume  
Pneumatic operated pumps  
DNV 2.7-1  
Zone-2



## Oil Filling & Filtration Trolley

Remote cleaning of hydraulic systems  
Zone-2 rated  
Maximum flow upto 200 liters/min  
Water Separator Filter  
Unit supplied with circulation hoses  
Temperature up to 60 degree C  
Continuous duty operation  
Viscosity range: 10 CST to 600 CST  
Temperature Range" -10 Deg C to +80- Deg C  
Filtration Rating: 3/6/10/16/25/60 Microns  
Compliance with ATEX 94/9/EC Group II Cat 3G  
Trolley Driven type design  
Spillage free base frame  
Oshore epoxy paint system





## Pressure Testing Unit

Custom built Pressure test units  
SS enclosure designs  
Upto Pressure rating of 30,000 PSI  
Unit with data acquisition system  
Suitable for pressure testing and tools testing  
Pneumatic/Electric operated pumps  
Hydraulic oil/ Water / Glycols  
Mini portable and high-end designs



## Workshop Container

Containerized units for workshop and other auxiliary operations  
DNV 2.7-1  
Zone-2  
Interior layout to meet client requirements  
A 60 rated walls



## Marine Screed Frame

Underwater leveling frames  
Leveling length upto 20 meters  
Leveling width upto 15 meters  
Hopper capacity up to 40 m.cu  
Suitable for depths upto 25 meter  
Hydraulically operated  
Special features - Auto leveler, Survey towers etc.





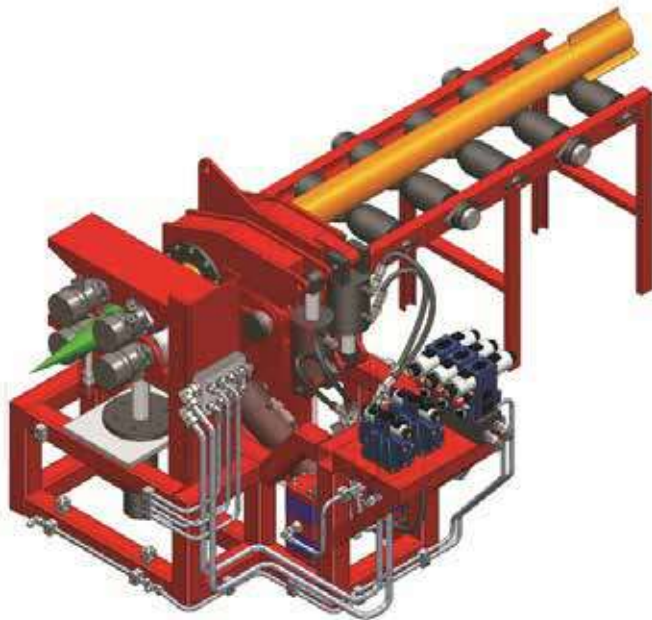
## Skidding Systems

Skidding systems for offshore rigs  
Custom built hydraulic cylinders and power packs  
Control Panel designed with synchronisation features  
Zone-2



## Special Purpose Equipment

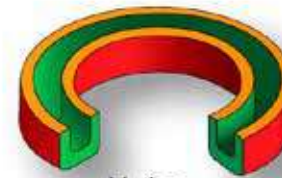
- ♦ Make up – Break out Unit for removing War heads from Missiles.
- ♦ Concrete press Actuator Unit.
- ♦ Umbilical Winch to store and feed hydraulic hoses to connect under water Hydraulic tools.



## Seals & Rubber Products

We Can offer hydraulic or pneumatic seal of any profile geometry up to an OD of 600mm.

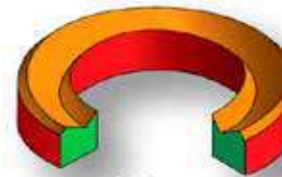
We maintain wide variety of materials to suit extreme working conditions like high temperatures, pressures and Velocity.  
Our Motto is "ANY SEAL ANYTIME"



U-ring



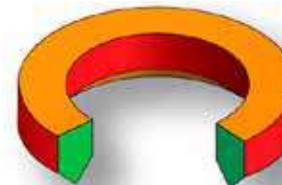
O-ring



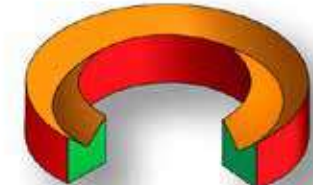
V-ring



U-cup



male



Female



## Oil & Gas Hydraulic Systems

- ◆ Skidding Systems
- ◆ Jacking Systems
- ◆ Mast Raise Systems
- ◆ Top Drives
- ◆ Cementing Units
- ◆ Snubbing Units
- ◆ Wire Line Units
- ◆ Zone 2 Equipment
- ◆ Wireline Masts
- ◆ Well head Control Units

- ◆ Power Tongs
- ◆ Batch Mixers
- ◆ BOP Systems
- ◆ Coil tubing Units
- ◆ Cranes & Winches
- ◆ Pipe Handling Systems
- ◆ Cat Walk Systems
- ◆ Spooling Units
- ◆ Triplex Pumps
- ◆ Offshore Cranes



## Marine Hydraulic Systems

- ◆ Remote Cargo Valves & Ballast Systems.
- ◆ Anchor handling winches, Mooring Winches, Tugger Winches.
- ◆ Cargo Cranes, Hose Handling Cranes, Provision cranes & Davits.
- ◆ Steering Gears
- ◆ Bow Thrusters
- ◆ Hydraulics for Dredgers
- ◆ Hydraulics for Windmill Carriers
- ◆ Marine Loading Arms
- ◆ SSV's like Pipe laying, Cable laying barges, Tuggers and seismic survey vessels





## Hydraulics of Industrial Plants

- ◆ Rolling Mills.
- ◆ Continuous Casting Machine.
- ◆ Electric Arc Furnaces
- ◆ Pipe Mills
- ◆ Cold Rolling Mills
- ◆ Aluminum Smelting Plants.
- ◆ Aluminium Extrusion Press

- ◆ Sheet Metal forming.
- ◆ Plastic Injection Moulding press.
- ◆ Rubber Press.
- ◆ Cement Plants
- ◆ Readymix Plants
- ◆ GRP Pipe Factory
- ◆ Precast Concrete Plants





## Mobile Equipment Hydraulic Systems

- ◆ Mobile Cranes
- ◆ Excavators, Wheel Loaders, Graders, Dumpers.
- ◆ Water Well Drilling Rigs
- ◆ Geo Physical Survey Rigs.
- ◆ Road cleaning Equipment.
- ◆ Fuel Tankers
- ◆ Defense Equipment

- ◆ Skip Loaders and trash compactors
- ◆ Ariel Working Platform
- ◆ Concrete pumps & Transit Mixers.
- ◆ Rollers & Asphalt Finishers.
- ◆ Heavy Transport Equipment.
- ◆ Recovery Vehicles.
- ◆ Fire Fighting Vehicles



## Design/Engineering Capabilities

- ◆ Design Team of 4 Engineers & 6 Draftsman
- ◆ Engineering Layout design and 3D modeling
- ◆ Circuit design, component selection
- ◆ Pipe Sizing, routing design and flow path simulation
- ◆ Cylinder design and development
- ◆ Simulation software
- ◆ Manifold Design & Development.
- ◆ Latest Analysis Software



# Our Services



## Hydraulic Components Overhaul

### REFURBISHMENT & TESTING OF

- ♦ Hydraulic Pumps
- ♦ Motors
- ♦ Valves
- ♦ Accumulators
- ♦ Winches

WITH COMPUTERISED BENCH TESTING FACILITY.





# Our Services



## Hydraulic Cylinders Overhaul

Cylinder Test rig | 1000 liters | 700 Bar  
Custom made dismantling benches  
Huge stock of Cylinder tubes (metric & inch)  
Huge stock of Chrome bars (metric & Inch)





# Our Services



## Piping Solutions

Can offer turnkey piping solutions.  
Marine sector, Oil & Gas Sector, Steel Plants  
Excellent team & Equipped with wide range  
of bending, flaring and forming machines.  
Huge Inventory of Piping Materials  
Non welded piping solutions – GS Hydro



# Our Services



## Hose Solutions

All kinds of hoses and fittings  
Large Bore Marine & Oilfield Hoses  
Stainless Steel Expansion Bellows  
HP Ball valves & Pressure Gages  
High Pressure Hydraulic Hoses & Fittings  
Stainless Steel Metallic Hoses  
Steel Tubes, Fitting, Bending & Installation  
Mobile Hose Van Services (24x7)





# Our Services



## Hose Solutions

All kinds of hoses and fittings  
Large Bore Marine & Oilfield Hoses  
Stainless Steel Expansion Bellows  
HP Ball valves & Pressure Gages  
High Pressure Hydraulic Hoses & Fittings  
Stainless Steel Metallic Hoses  
Steel Tubes, Fitting, Bending & Installation  
Containerized onsite Hose Workshops



# Our Services



## Hot Oil Flushing & Pressure Testing

LINE SIZES UPTO 6"  
FLUSHING SKID – UPTO 2000 LPM  
SYSTEMS – HYDRAULIC, LUBRICATION, FUEL LINES  
CALIBRATED OIL LAZER CONTAMINATION  
MONITORS  
HIGH PRESSURE TEST UNITS  
HIGH VELOCITY WATER FLUSHING



Fluid: Preheat - Quil  
MGR-04 - 21-23-20 LPA2 #005147  
TEST NUMBER: 825  
TEST REF: 005147  
TEST TYPE: Tank or Bottle  
NAS CLASS:

µm	5-15	15-25	25-50	50-100
NAS	5	3	4	00
ISO CODE 14/13/9				
SAMPLE VOLUME 24ml				
µm	/100ml	/100ml	/100ml	Average
5-15	4059	6213	4715	4385
15-25	309	354	265	310
25-50	177	132	44	117
50-100	0	0	0	0
100+	0	0	0	0

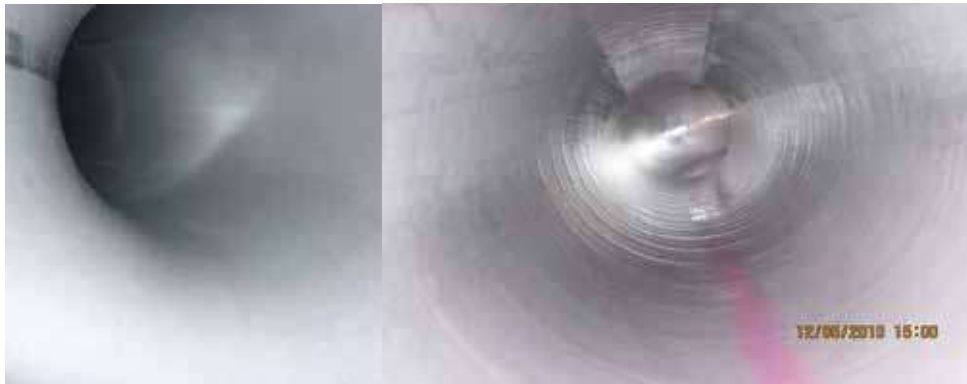


# Our Services



## Chemical Cleaning/ Pickling & Passivation

LINE SIZES UPTO 10"  
2000 LPM  
CHEMICAL CLEANING  
SKID SITE LABORATORY  
SYSTEMS – HYDRAULIC, LUBRICATION, FUEL LINES  
NITROGEN PURGING  
AIR DRYERS





# Our Services



## Trouble shooting & Fault Diagnosis

Expert work force for all kind of trouble shooting works  
On-site testing equipment like flow meters, pressure encoders etc  
Short turn around times



# GTE Projects



Platform Handling System



Piping Installations



Piping Installations



Cement Batch Mixer Skid Mounted



Coil Tubing Unit



Zone2- Generator





Zone - 2 Control Cabin



Single Capstan Spooling Unit



Pressure Test Bay



Cable Pulling Machine



BOP Control Unit



Electric Driven Hydraulic Cable Spooler





Catwalk System



Engine Driven Hydraulic Power Pack



Special HPU Modules



Winch



HPU Driven by Electrical Motor



Pressure Test Unit

# GTE Projects



Scissor Lift



Hydraulic Power Pack



Generator Skid



Piping Installations



Piping Installations



Spud Lifting Cylinders



Remote Control Panel



Filter Skid



Oil Filling Unit



Pneumatic Driven Hydraulic Power Pack



Hydraulic Power Pack



Electric Driven Hydraulic Cable Spooler



# GTE Projects



Vertical Looper



Containerized Power Pack



Hydraulic Control Panel



Zone -2 Compressor



Slickline Unit with Single Split Drum



Pressure Test Container



**Office & Plant**

**GTE Resources**



Office







**Engineering & Design Division**

**GTE Resources**



**Inventory of Actuator Raw Materials**





**Our Airconditioned store**

**GTE Resources**





**Hose Division**

**GTE Resources**



**Hydraulic Testing Facilities**

**GTE Resources**





**Hydraulic Actuators Division**

**GTE Resources**





**Hydraulic Pump & Motor Division**

**GTE Resources**



**Fabrication Division**

**GTE Resources**





**Hydraulic Pump & Motor Division**

**GTE Resources**





**Fabrication Division**

**GTE Resources**





**Electrical Division & FAT Bay**

**GTE Resources**



**CNC Division**

**GTE Resources**





**Conventional Machine Shop**





**Conventional Machine Shop**





**Sand blasting & Painting Booth**





**Open Yard - For Heavy Eqpt. FAT**



**Training Photos**



## Leading Brands we represent

1. HIP
1. KAWASAKI, UK
2. MP FILTRI, ITALY
3. LANTEC, CANADA
4. SALAMI, ITALY
5. PULL MASTER, CANADA
6. GEAR PRODUCTS, USA
7. BIJUR DELIMON, GERMANY
9. SUN HYDRAULICS, USA
10. EATON
11. LARZEP
12. BREVINI



**Kawasaki**

**GTE**

**LANTEC**



**Pull+MASTER**

**EATON**

**LARZEP**  
HYDRAULIC







## Commitment towards Quality

- # ISO9001:2015
- # ISO14001:2015
- # ISO45001:2018
- # OSHAD APPROVAL



**"Our Motto"**

**✓ Highest Quality**

**✓ Zero Harm**

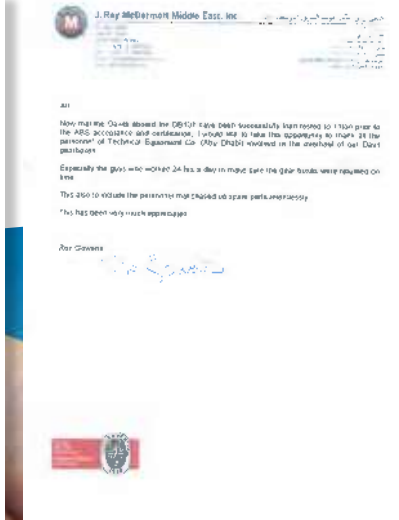
## **Advantages Working with GTE**

- Impeccable Quality Standards
- Cost effective
- Qualified & Certified Resources
- Quick response and prompt services.
- One stop shop with all facilities under one roof.
- Project Management & Timely Delivery
- Local Market Experience
- Reliable partner.
- Flexible approach.
- 7/24 service back up.
- Huge inventory.
- Technical back up from leading hydraulic brands.





# Testimonials





Thank  
You!



Please visit our web site at [www.gtesystem.com](http://www.gtesystem.com).

Given an opportunity we assure you of our most competitive price & responsive services along with best of the quality, to your satisfaction. Thank you and we look forward to associate with you.



**Gulf Technical Equipment Hydraulic Factory**

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[www.gtesystem.com](http://www.gtesystem.com)